

REMARKS/ARGUMENTS

In response to the outstanding Office Action, appropriate drawing corrections have been made, certain claims have been amended to provide correct antecedents and claim 27 has been canceled. Also, claim 1 has been amended to include the limitations of claim 3, and claim 3 has been canceled.

Claim 3 was rejected based on Royer et al., specifically Figure 9 and col. 6, lines 1-15 purported to be a cascode bias circuit responsive to power supply voltage, output bias current, and modulation current. This is not correct however, as Figure 9 is a prior art backface signal monitoring circuit for setting the bias current for the laser diode. There is no cascode connected transistor in Figure 9 (only a diode connected transistor), there is no cascode bias voltage being generated in Figure 9, there is no modulation current present in Figure 9, and there is no supply dependent current or voltage being generated in Figure 9. The backface signal monitoring circuit is being used to generate a bias current that is applied directly to the laser diode. Claim 1 now specifically claims that the bias current, modulation current, and supply voltage are being used to generate a cascode bias, not to bias the laser diode itself. Accordingly reconsideration of this rejection is respectfully requested.

Claim 13 was rejected on the same basis, and accordingly this claim is also believed allowable for the same reasons as set forth above for claim 1.

Since it is believed that all independent claims in the case are now allowable, it is also believed that all remaining dependent claims are also allowable as depending on a now allowable independent claim and as adding greater specificity and novelty to the claimed combinations.

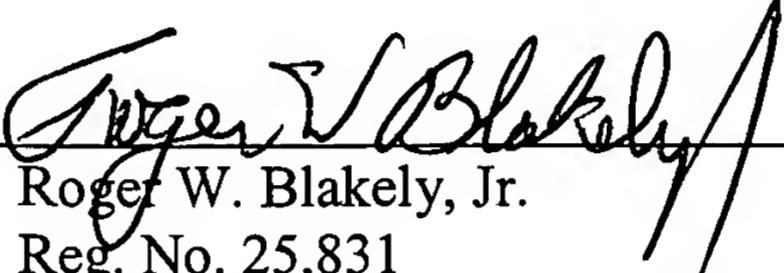
CONCLUSION

Applicant respectfully requests that a timely Notice of Allowance be issued in this case.

Respectfully submitted,

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Dated: 11/17/2005

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Attachments

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Jessica A. Clark

11/17/2005
Date

Appl. No. 10/642,774
Amdt. Dated 11/17/2005
Reply to Office Action of June 17, 2005

Amendments to the Drawings:

The attached sheets of drawings include changes to Figures 3a, 3b, 4-10, 11a and 11b and replace the original sheets including the same Figures. In these Figures, the labels have been updated to indicate that they are prior art.

Attachments: Replacement Sheets